

WHAT IS CLAIMED IS:

1 1. An optical stack of laminated removable lenses for
2 affixing to a face shield on a helmet comprising:

3 a plurality of superposed removable lenses adhesively
4 affixed to one another;

5 each said removable lens being held to each successive lens
6 with a clear uninterrupted adhesive layer interposed between each
7 said removable lens;

8 each said lens having a removal tab portion on at least
9 one end which does not have any adhesive layer on either side of
10 said tab portion for allowing the wearer of the helmet to quickly
11 grasp said removal tab portion for removing the top lens and
12 exposing a clean lens directly underneath said removed top lens.

 2. The optical stack of removable lenses as recited in claim
1 further comprising:

 a second removable tab portion opposite the end of said
removal tab portion.

3. The stack of removable lenses as recited in claim 1

further comprising:

slots for mounting said optical stack of removable lenses to
a face shield.

4. The stack of removable lenses as recited in claim 1

further comprising:

means for mounting said optical stack of removable lenses to
a face shield.

5. The optical stack of removable lenses as recited in claim

1 wherein:

said removable lenses and said clear adhesive layers have an
index of refraction between 1.40 and 1.52.

1 6. An optical stack of removable lenses for affixing to an
2 optical window comprising:

3 a plurality of generally rectangular superposed removable
4 lenses adhesively affixed to one another and forming a continuous
5 perimeter;

6 each said removable lens being held to each successive lens
7 with a clear uninterrupted adhesive layer interposed between each
8 said removable lens;

9 said perimeter having a generally straight edge portion;

10 the area adjacent said straight edge portion having a banded
11 portion that does not have any adhesive affixed to any of the
12 layers of film to assist in allowing each said film layer to be
13 peeled off successively along said straight edge portion; and

14 a plurality of staggered tabs affixed to each said film
15 layer and extending from said straight edge portion to assist the
16 user in removing said uppermost soiled film layer, and
17 successively removing each said next clean layer as said top
18 exposed layer becomes contaminated.

19

20 7. The stack of removable lenses as recited in claim 6

21 wherein:

22 the adhesive layer is foreshortened as to expose a portion
23 of the lens layers without optical wetting, creating a grasping
24 tab.

25
26 8. The stack of removable lenses as recited in claim 6

27 wherein:

28 an optically clear adhesive is the last layer to aid in
29 mounting to a face shield.

30 9. The stack of removable lenses as recited in claim 6

31 wherein:

32 the optical window to which said stack of removable lenses
33 is mounted includes a windshield, window, face shield, or a video
34 display.